

Jurisdictional Separations Investment Allocations

	Ameritech	Bell Atlantic	Bell South	NYNEX	Pacific Bell	Southwestern Bell	(21) US West	Southern (22) New England	GTE	United
<u>Other Terminal Equipment</u>										
STP/SCP Signalling Link										
Total Investment										
Total Company										
Subject to Separation										
State 800 Database										
State Other										
Interstate 800 Database										
Interstate Other										
Local STP/Regional STP Signalling Link										
Total Investment										
Total Company										
Subject to Separation										
State 800 Database										
State Other										
Interstate 800 Database										
Interstate Other										
SCP/SMS Signalling Link										
Total Investment										
Total Company										
Subject to Separation										
State 800 Database										
State Other										
Interstate 800 Database										
Interstate Other										
SCP										
Total Investment										
Total Company										
Subject to Separation										
State 800 Database										
State Other										
Interstate 800 Database										
Interstate Other										
Tandem Switch										
Total Investment										
Total Company										
Subject to Separation										
State 800 Database										
State Other										
Interstate 800 Database										
Interstate Other										
SSP										
Total Investment										
Total Company										
Subject to Separation										
State 800 Database										
State Other										
Interstate 800 Database										
Interstate Other										
Total										
Total Investment										
Total Company										
Subject to Separation										
State 800 Database										
State Other										
Interstate 800 Database										
Interstate Other										

Jurisdictional Separations Investment Allocations

	Ameritech	Bell Atlantic	Bell South	NYNEX	Pacific Bell	Southwestern Bell	(21) US West	Southern New England	(22) GTE	United
<b>Poles</b>										
STP/SCP Signalling Link										
Total Investment										
Total Company			100%							
Subject to Separation		100%	100%							
State 800 Database		19%	75%							
State Other										
Interstate 800 Database		81%	25%							
Interstate Other										
Local STP/Regional STP Signalling Link										
Total Investment										
Total Company			100%							
Subject to Separation		100%	100%							
State 800 Database		18%	75%							
State Other										
Interstate 800 Database		82%	25%							
Interstate Other										
SCP/SMS Signalling Link										
Total Investment										
Total Company										
Subject to Separation										
State 800 Database										
State Other										
Interstate 800 Database										
Interstate Other										
SCP										
Total Investment										
Total Company										
Subject to Separation										
State 800 Database										
State Other										
Interstate 800 Database										
Interstate Other										
Tandem Switch										
Total Investment										
Total Company										
Subject to Separation										
State 800 Database										
State Other										
Interstate 800 Database										
Interstate Other										
SSP										
Total Investment										
Total Company										
Subject to Separation										
State 800 Database										
State Other										
Interstate 800 Database										
Interstate Other										
Total										
Total Investment										
Total Company			100%							
Subject to Separation		100%	100%							
State 800 Database		18%	75%							
State Other										
Interstate 800 Database		82%	25%							
Interstate Other										

Jurisdictional Separations Investment Allocations

	Ameritech	Bell Atlantic	Bell South	NYNEX	Pacific Bell	Southwestern Bell (21)	US West	Southern New England (22)	GTE	United
<u>Aerial Cable</u>										
STP/SCP Signalling Link										
Total Investment										
Total Company			100%							
Subject to Separation		100%	100%							
State 800 Database		19%	75%							
State Other										
Interstate 800 Database		84%	25%							
Interstate Other										
Local STP/Regional STP Signalling Link										
Total Investment										
Total Company			100%							
Subject to Separation		100%	100%							
State 800 Database		18%	75%							
State Other										
Interstate 800 Database		82%	25%							
Interstate Other										
SCP/SMS Signalling Link										
Total Investment										
Total Company										
Subject to Separation										
State 800 Database										
State Other										
Interstate 800 Database										
Interstate Other										
SCP										
Total Investment										
Total Company										
Subject to Separation										
State 800 Database										
State Other										
Interstate 800 Database										
Interstate Other										
Tandem Switch										
Total Investment										
Total Company										
Subject to Separation										
State 800 Database										
State Other										
Interstate 800 Database										
Interstate Other										
SSP										
Total Investment										
Total Company										
Subject to Separation										
State 800 Database										
State Other										
Interstate 800 Database										
Interstate Other										
Total										
Total Investment										
Total Company										
Subject to Separation		100%	100%							
State 800 Database		18%	75%							
State Other										
Interstate 800 Database		82%	25%							
Interstate Other										

Jurisdictional Separations Investment Allocations

	Ameritech	Bell Atlantic	Bell South	NYNEX	Pacific Bell	Southwestern Bell (21)	US West	Southern New England (22)	GTE	United
<u>Underground Cable</u>										
STP/SCP Signalling Link										
Total Investment										
Total Company										
Subject to Separation	100%	100%	100%	100%						
State 800 Database	77%	17%	75%	74%						
State Other										
Interstate 800 Database	23%	81%	25%	26%						
Interstate Other										
Local STP/Regional STP Signalling Link										
Total Investment										
Total Company										
Subject to Separation		100%	100%	100%						
State 800 Database		18%	75%	74%						
State Other										
Interstate 800 Database		82%	25%	26%						
Interstate Other										
SCP/SMS Signalling Link										
Total Investment										
Total Company										
Subject to Separation									100%	
State 800 Database									33%	
State Other										
Interstate 800 Database									67%	
Interstate Other										
SCP										
Total Investment										
Total Company										
Subject to Separation										
State 800 Database										
State Other										
Interstate 800 Database										
Interstate Other										
Tandem Switch										
Total Investment										
Total Company										
Subject to Separation										
State 800 Database										
State Other										
Interstate 800 Database										
Interstate Other										
SSP										
Total Investment										
Total Company										
Subject to Separation										
State 800 Database										
State Other										
Interstate 800 Database										
Interstate Other										
Total										
Total Investment										
Total Company										
Subject to Separation	100%	100%	100%	100%					100%	
State 800 Database	77%	18%	75%	74%					33%	
State Other										
Interstate 800 Database	23%	82%	25%	26%					67%	
Interstate Other										

Jurisdictional Separations Investment Allocations

	Ameritech	Bell Atlantic	Bell South	NYNEX	Pacific Bell	Southwestern Bell	(21)	US West	Southern New England	(22)	GTE	United
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Buried Cable

## STP/SCP Signalling Link

## Total Investment

## Total Company

## Subject to Separation

100%

100%

## State 800 Database

77%

75%

## State Other

## Interstate 800 Database

23%

25%

## Interstate Other

## Local STP/Regional STP Signalling Link

## Total Investment

## Total Company

## Subject to Separation

100%

## State 800 Database

75%

## State Other

## Interstate 800 Database

25%

## Interstate Other

## SCP/SMS Signalling Link

## Total Investment

## Total Company

## Subject to Separation

## State 800 Database

## State Other

## Interstate 800 Database

## Interstate Other

## SCP

## Total Investment

## Total Company

## Subject to Separation

## State 800 Database

## State Other

## Interstate 800 Database

## Interstate Other

## Tandem Switch

## Total Investment

## Total Company

## Subject to Separation

## State 800 Database

## State Other

## Interstate 800 Database

## Interstate Other

## SSP

## Total Investment

## Total Company

## Subject to Separation

## State 800 Database

## State Other

## Interstate 800 Database

## Interstate Other

## Total

## Total Investment

## Total Company

## Subject to Separation

100%

100%

## State 800 Database

77%

75%

## State Other

## Interstate 800 Database

23%

25%

## Interstate Other

Jurisdictional Separations Investment Allocations

Ameritech	Bell Atlantic	Bell South	NYNEX	Pacific Bell	Southwestern Bell	(21)	US West	Southern	(22)	New England	(21)	GTE	United
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Intrabldg. Network Cable

STP/SCP Signalling Link  
 Total Investment  
 Total Company  
 Subject to Separation  
 State 800 Database  
 State Other  
 Interstate 800 Database  
 Interstate Other

Local STP/Regional STP Signalling Link  
 Total Investment  
 Total Company  
 Subject to Separation  
 State 800 Database  
 State Other  
 Interstate 800 Database  
 Interstate Other

SCP/SMS Signalling Link  
 Total Investment  
 Total Company  
 Subject to Separation  
 State 800 Database  
 State Other  
 Interstate 800 Database  
 Interstate Other

SCP  
 Total Investment  
 Total Company  
 Subject to Separation  
 State 800 Database  
 State Other  
 Interstate 800 Database  
 Interstate Other

Tandem Switch  
 Total Investment  
 Total Company  
 Subject to Separation  
 State 800 Database  
 State Other  
 Interstate 800 Database  
 Interstate Other

SSP  
 Total Investment  
 Total Company  
 Subject to Separation  
 State 800 Database  
 State Other  
 Interstate 800 Database  
 Interstate Other

Total  
 Total Investment  
 Total Company  
 Subject to Separation  
 State 800 Database  
 State Other  
 Interstate 800 Database  
 Interstate Other

Jurisdictional Separations Investment Allocations

Ameritech	Bell Atlantic	Bell South	NYNEX	Pacific Bell	Southwestern Bell	(21) US West	Southwestern Bell	(22) New England	GTE	United
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Aerial Wire

STP/SCP Signaling Link  
 Total Investment  
 Total Company  
 Subject to Separation  
 State 800 Database  
 State Other  
 Interstate 800 Database  
 Interstate Other

Local STP/Regional STP Signaling Link  
 Total Investment  
 Total Company  
 Subject to Separation  
 State 800 Database  
 State Other  
 Interstate 800 Database  
 Interstate Other

SCP/SMS Signaling Link  
 Total Investment  
 Total Company  
 Subject to Separation  
 State 800 Database  
 State Other  
 Interstate 800 Database  
 Interstate Other

SCP  
 Total Investment  
 Total Company  
 Subject to Separation  
 State 800 Database  
 State Other  
 Interstate 800 Database  
 Interstate Other

Tandem Switch  
 Total Investment  
 Total Company  
 Subject to Separation  
 State 800 Database  
 State Other  
 Interstate 800 Database  
 Interstate Other

SSP  
 Total Investment  
 Total Company  
 Subject to Separation  
 State 800 Database  
 State Other  
 Interstate 800 Database  
 Interstate Other

Total  
 Total Investment  
 Total Company  
 Subject to Separation  
 State 800 Database  
 State Other  
 Interstate 800 Database  
 Interstate Other

Jurisdictional Separations Investment Allocations

	Ameritech	Bell Atlantic	Bell South	NYNEX	Pacific Bell	Southwestern Bell	(21) US West	Southern New England (22)	GTE	United
<u>Conduit Systems</u>										
STP/SCP Signalling Link										
Total Investment										
Total Company			100%	100%	100%					
Subject to Separation		100%	100%	100%						
State 800 Database		22%	74%	73%						
State Other										
Interstate 800 Database		78%	26%	27%						
Interstate Other										
Local STP/Regional STP Signalling Link										
Total Investment										
Total Company			100%	100%	100%					
Subject to Separation		100%	100%	100%						
State 800 Database		18%	74%	73%						
State Other										
Interstate 800 Database		82%	26%	27%						
Interstate Other										
SCP/SMS Signalling Link										
Total Investment										
Total Company										
Subject to Separation										
State 800 Database										
State Other										
Interstate 800 Database										
Interstate Other										
SCP										
Total Investment										
Total Company										
Subject to Separation										
State 800 Database										
State Other										
Interstate 800 Database										
Interstate Other										
Tandem Switch										
Total Investment										
Total Company										
Subject to Separation										
State 800 Database										
State Other										
Interstate 800 Database										
Interstate Other										
SSP										
Total Investment										
Total Company										
Subject to Separation										
State 800 Database										
State Other										
Interstate 800 Database										
Interstate Other										
Total										
Total Investment										
Total Company			100%	100%	100%					
Subject to Separation		100%	100%	100%						
State 800 Database		18%	74%	73%						
State Other										
Interstate 800 Database		82%	26%	27%						
Interstate Other										



Methods of Allocating Investment by Jurisdiction

Appendix II, Schedule C

## Appendix II, Schedule C

### Methods of Allocating Investment by Jurisdiction

	Jurisdictional Allocation Method
Ameritech	Part 36.124-125
Bell Atlantic	Query Demand (2)
BellSouth	Part 36 (3)
GTE	Demand
NYNEX	Part 36 (4)
Pacific Bell	Direct Assignment
Southwestern Bell	Part 32
US West	Demand
United	Cat 3 (per schedule) Allocation method for exogenous cost calculation was demand
SNET	Not specified on schedule, but appears to be direct assignment

(1) Source (unless otherwise noted) = Local Exchange Carrier floppy disk filings in response to Information Request for 800 Database Investigation.

(2) In its direct case, Bell Atlantic claimed to use CCSCIS for separations. When it filed its SDC using alternative cost support, it does not explicitly delineate what separations factors it is using. However, it appears to use demand.

(3) BellSouth delineates its allocation methods more explicitly in CC Docket 93-129, BellSouth Ex Parte filing on October 13, 1993.

(4) Source = NYNEX CC Docket 93-129 Ex Parte, dated February 4, 1994.

Annual SMS / 800 Costs (NPV)

Appendix III, Schedule A

## Appendix III, Schedule A

## ANNUAL SMS/800 COSTS (NPV)

PAGE - 1 of 2

ITEM NO.	DESCRIPTION	NPV [1]	Adj. NPV % of ADJ		1993 [4]	1994 [5]	1995 [6]	1996 [7]	1997 [8]
			'93-'97 CUMULATIVE [2] <small>(C1/C2) x 100%</small>	'93-'97 CUMULATIVE [3] <small>(C1+C3+C5+C7+C8)</small>					
1	NASC OPERATION	13,215,357	69%	19,206,097	<u>3,827,000</u> <u>\$5,740,500</u>	3,301,254	3,287,004	3,386,504	3,490,835
	- PERCENT OF SUBTOTAL (ITEM NO. 5)	11%		11%	15%	9%	10%	10%	10%
	- PERCENT OF TOTAL (ITEM NO. 13)	9%		11%	15%	9%	10%	10%	10%
1**						-42%	-0%	3%	3%
					1,586,000				
2	3RD PARTY START-UP	1,477,201	62%	2,379,000	<u>\$2,379,000</u>	0	0	0	0
	- PERCENT OF SUBTOTAL (ITEM NO. 5)	1%		1%	6%	0%	0%	0%	0%
	- PERCENT OF TOTAL (ITEM NO. 13)	1%		1%	6%	0%	0%	0%	0%
2**						-100%	NA	NA	NA
					13,501,734				
3	DATA CENTER OPERATION	78,010,516	70%	111,908,970	<u>\$20,252,601</u>	21,265,362	22,328,630	23,445,062	24,617,315
	- PERCENT OF SUBTOTAL (ITEM NO. 5)	62%		62%	52%	61%	66%	67%	67%
	- PERCENT OF TOTAL (ITEM NO. 13)	52%		62%	52%	61%	66%	67%	67%
3**						5%	5%	5%	5%
				42,700,000	7,000,000				
4	BELLCORE SOFTWARE SUPPORT	32,421,756	70%	46,200,000	<u>\$10,500,000</u>	10,500,000	8,400,000	8,400,000	8,400,000
	- PERCENT OF SUBTOTAL (ITEM NO. 5)	26%		26%	27%	30%	25%	24%	23%
	- PERCENT OF TOTAL (ITEM NO. 13)	22%		26%	27%	30%	25%	24%	23%
4**						0%	-20%	0%	0%
					\$25,914,734				
5	SUB-TOTAL (LNS 1+2+3+4)	\$125,124,830	70%	179,694,067	<u>\$38,872,101</u>	\$35,066,616	\$34,015,634	\$35,231,566	\$36,508,150
	- PERCENT OF SUBTOTAL (ITEM NO. 5)	100%		100%	100%	100%	100%	100%	100%
	- PERCENT OF TOTAL (ITEM NO. 13)	84%		100%	100%	100%	100%	100%	100%
5**						-10%	-3%	4%	4%

Source (unless otherwise noted) = Regional Bell Operating Companies' Direct Case for the 800 SMS/800 Functions Tariff, CC Docket 93-129, Attachment 2, sub. Sept. 20, 1993.

Note: 1993 original submission values are shaded. Orig. values are adjusted by a factor of 1.5 (i.e. 8 mos./ 12 mos. = Orig. Value. / Adj. Value, Therefore, Adj. Value = Orig. Value x 1.5)  
Adjusted values are underlined.

\*\* Indicates Annual Change.

## Appendix III, Schedule A

## ANNUAL SMS/800 COSTS (NPV)

PAGE - 2 of 2

PAGE - 2012									
ITEM NO.	DESCRIPTION	NPV [1]	Adj. NPV % of ADJ		1993 [4]	1994 [5]	1995 [6]	1996 [7]	1997 [8]
			ADJ '93-'97 CUMULATIVE [2]	ADJ '93-'97 CUMULATIVE [3]					
			(C1+C2+G2)	(C1+C2+G1+G2+G3)					
<u>HOLDING ACCOUNT COSTS</u>									
6	DATA CENTER UPGRADE	14,013,134	NA	0	0	0	0	0	0
	- PERCENT OF SUBTOTAL (ITEM NO. 12)	58%							
	- PERCENT OF TOTAL (ITEM NO. 13)	9%		0%	0%	0%	0%	0%	0%
7	NASC TRANSITION	992,254	NA	0	0	0	0	0	0
	- PERCENT OF SUBTOTAL (ITEM NO. 12)	4%							
	- PERCENT OF TOTAL (ITEM NO. 13)	1%		0%	0%	0%	0%	0%	0%
8	BILLING CAPABILITY/800 SYSTEM	2,121,507	NA	0	0	0	0	0	0
	- PERCENT OF SUBTOTAL (ITEM NO. 12)	9%							
	- PERCENT OF TOTAL (ITEM NO. 13)	1%		0%	0%	0%	0%	0%	0%
9	MGI DEVELOPMENT	2,131,658	NA	0	0	0	0	0	0
	- PERCENT OF SUBTOTAL (ITEM NO. 12)	9%							
	- PERCENT OF TOTAL (ITEM NO. 13)	1%		0%	0%	0%	0%	0%	0%
10	MGI TESTING	1,463,000	NA	0	0	0	0	0	0
	- PERCENT OF SUBTOTAL (ITEM NO. 12)	6%							
	- PERCENT OF TOTAL (ITEM NO. 13)	1%		0%	0%	0%	0%	0%	0%
11	SOFTWARE ENHANCEMENT	3,630,000	NA	0	0	0	0	0	0
	- PERCENT OF SUBTOTAL (ITEM NO. 12)	15%							
	- PERCENT OF TOTAL (ITEM NO. 13)	2%		0%	0%	0%	0%	0%	0%
12	SUB-TOTAL	24,351,553	NA	0	0	0	0	0	0
	- PERCENT OF SUBTOTAL (ITEM NO. 12)	100%		0%	0%	0%	0%	0%	0%
	- PERCENT OF TOTAL (ITEM NO. 13)	16%		0%	0%	0%	0%	0%	0%
					\$25,914,734				
13	TOTAL BUDGET DOLLARS (L5 +L12)	\$149,476,383	83%	179,694,067	<u>\$38,872,101</u>	\$35,066,616	\$34,015,634	\$35,231,566	\$36,508,150
13**						- 10%	- 3%	4%	4%

Source (unless otherwise noted) = Regional Bell Operating Companies' Direct Case for the 800 SMS/800 Functions Tariff, CC Docket 93-129, Attachment 2, sub. Sept. 20, 1993.

Note: 1993 original submission values are shaded. Orig. values are adjusted by a factor of 1.5 (i.e. 8 mos./ 12 mos. = Orig. Value. / Adj. Value, Therefore, Adj. Value = Orig. Value x 1.5)  
Adjusted values are underlined.

\*\* Indicates Annual Change.

SMS / 800 Annual Demand Data

Appendix III, Schedule B

## Appendix III, Schedule B

## SMS/800 ANNUAL DEMAND DATA

PAGE - 1 of 1

ITEM NO	SERVICE/RATE ELEMENTS	NPV [1]	NPV % of ADJ '93-'97	ADJ '93-'97	1993	1994	1995	1996	1997
			CUMULATIVE [2] (C1/C2) (92%)	CUMULATIVE [3] (C1+C2+C3+C4+C7+C8)	[4]	[5]	[6]	[7]	[8]
1	<u>CUSTOMER RECORDS - (1)</u>	136,695,959	69%	196,723,714	21,490,000				
1**					<u>32,235,000</u>	35,347,000	38,944,600	42,811,395	47,285,719
						10%	10%	10%	10%
	<u>SMS ACCESS</u>				2,341				
2A	DIAL - UP (2.4 & 9.6 KBPS) (RO)	12,527	70%	17,912	<u>3,512</u>	3,600	3,600	3,600	3,600
2A**						3%	0%	0%	0%
					468				
2B	9.6 DEDICATED (RESP ORG)	2,490	69%	3,597	<u>702</u>	700	715	730	750
2B**						-0%	2%	2%	3%
					101				
2C	56.0 DEDICATED (MGI) (RESP ORG)	595	70%	852	<u>152</u>	160	180	180	180
2C**						6%	13%	0%	0%
	<u>SERVICE ESTABLISHMENT (2)</u>				32				
3A	- FIRST (NONRECURRING)	167	70%	240	<u>48</u>	48	48	48	48
3A**						0%	0%	0%	0%
					265				
3B	- EACH ADDITIONAL (NONRECURRING)	591	67%	878	<u>398</u>	120	120	120	120
3B**						-70%	0%	0%	0%
					600				
4	<u>CUSTOMER REPORTS (2)</u>	2,839	70%	4,080	<u>900</u>	840	780	780	780
4**						-7%	-7%	0%	0%
					5				
5	<u>MGI TESTING &amp; DEVELOPMENT (2)</u>	7	74%	10	<u>8</u>	2	0	0	0
5**						-73%	-100%	ERR	ERR

Source (unless otherwise noted) = Regional Bell Operating Companies' Direct Case for the 800 SMS/800 Functions Tariff, CC Docket 93-129, Attachment 3, sub. Sept. 20, 1993.

Note: 1993 original submission values are shaded. Orig. values are adjusted by a factor of 1.5 (i.e. 8 mos. / 12 mos. = Orig. Value. / Adj. Value, Therefore, Adj. Value = Orig. Value x 1.5)

Adjusted values are underlined.

\*\* Indicates Annual Change.

Price Cap Carriers' 800 Database Query Reported Demand

Appendix IV. Schedule A



**Price Cap Carriers' 800 Database Query Reported Demand**

<u>Summary</u>	<u>Ameritech</u>	<u>Bell Atlantic</u>	<u>Bell South Tel.</u>	<u>GTE Tel. (4)</u>	<u>NYNEX (1)</u>	<u>Pacific Bell (3)</u>	<u>Southern New England Tel.</u>	<u>Southwestern Bell Tel. (3)</u>	<u>U.S. West (3)</u>	<u>United Tel. Total (2)</u>
State 800 Database	1,820,633	733,247,107	579,537,705	1,943,428,995	974,184,155	1,018,457,000	0	405,941,879	262,262,246	0
State Other	171,616,542	0	0	641,044,247	0	388,421,000	0	117,370,957	0	0
Interstate 800 Database	3,874,905,231	3,331,761,037	2,470,660,742	3,901,470,237	3,655,911,155	1,351,433,000	0	1,599,233,313	2,124,023,646	0
Interstate Other	176,923,093	0	0	5,179,008,672	0	135,949,600	0	210,345,424	0	0
Base Period Demand	2,033,850,882	3,331,761,037	2,470,660,742	794,331,995	1,724,045,376	2,756,311,000	315,602,000	1,202,864,945	2,124,023,646	740,940,896
Estimated Demand	4,225,265,499	4,065,008,144	0	5,844,899,232	4,630,095,310	0	0	0	0	3,430,672,919
Time Period	5	5	1991	1992	5	1991	5	1992	5	5
Discount Rate	10.90%	12.90%	NA	11.25%	11.00%	0.00%	NA	NA	0.00%	11.25%

<u>NYNEX</u>	<u>New England A</u>	<u>New York B</u>	<u>NYNEX (1) C=A+B</u>
State 800 Database	448,328,454	525,855,701	974,184,155
State Other	0	0	0
Interstate 800 Database	1,437,652,654	2,218,258,501	3,655,911,155
Interstate Other	0	0	0
Base Period Demand	640,588,140	1,083,457,236	1,724,045,376
Estimated Demand	1,885,981,108	2,744,114,202	4,630,095,310
Time Period	5	5	5
Discount Rate	11.00%	11.00%	11.00%

<u>UNITED</u>	<u>Eastern D</u>	<u>Florida E</u>	<u>Indiana F</u>	<u>Midwest G</u>	<u>Ohio H</u>	<u>Northwest I</u>	<u>Southeast J</u>	<u>North Carolina K</u>	<u>United Tel. Total (2) L=Sum of D to K</u>
State 800 Database	0	0	0	0	0	0	0	0	0
State Other	0	0	0	0	0	0	0	0	0
Interstate 800 Database	0	0	0	0	0	0	0	0	0
Interstate Other	0	0	0	0	0	0	0	0	0
Base Period Demand	61,213,857	284,157,954	19,644,670	50,296,962	76,130,114	18,347,923	45,572,455	185,576,961	740,940,896
Estimated Demand	284,633,049	1,357,453,468	77,024,415	237,814,703	313,493,705	87,243,652	213,316,302	859,693,825	3,430,672,919
Time Period	5	5	5	5	5	5	5	5	5
Discount Rate	11.25%	11.25%	11.25%	11.25%	11.25%	11.25%	11.25%	11.25%	11.25%

Source: Except as otherwise noted, the data source is the Local Exchange Carrier floppy disk filings in response to Information Request for 800 Database Service Exogenous Costs, See Order, Appendix A, Section III.

Notes 1 and 2: NYNEX and United Telephone operating company demand figures have been aggregated.

Note 3: Demand data was sourced from related Ex Parties dated October 13, 1993.

Note 4: Demand data was sourced from related Ex Parties dated October 14, 1993.

Rate of Return Carriers' 800 Database Query Reported Demand

Appendix IV. Schedule B

## Rate of Return Carriers' 800 Database Query Reported Demand

	<u>Cincinnati Bell</u>	<u>Lincoln Telephone &amp; Telegraph Co.</u>	<u>Rochester Telephone</u>	<u>Anchorage Telephone Utility (1)</u>	<u>Lufkin-Conroe Telephone Exchange, Inc.</u>	<u>LaFourche Telephone Co. (2)</u>	<u>Roseville Telephone</u>	<u>Pacific Telecom Inc. (3)</u>	<u>Alltel Service Corp. (4)</u>	<u>Great Plains Comm., Inc. (5)</u>
800 Database Queries	261,914,003	40,496,000	0	20,600,825	0	1,880,381	0		8,236,800	
State 800 Database	130,604,066	12,958,720	404,423	0	0	665,782	12,031,107	11,543,473		604,956
State Other	0	0	0	0	0	0	1,464,727			
Interstate 800 Database	131,309,907	27,537,280	1,585,993	0	10,240,394	1,214,599	14,350,135	39,358,782		3,206,904
Interstate Other	0	0	0	0	0	0	1,747,058	20		
Unbillable Query Factor	NA	NA	0.2	NA	0.15	0	5.00%	1.1	NA	0.016753
	<u>Central Telephone Companies (6)</u>	<u>Centel Telephone Companies</u>	<u>NECA (7)</u>							
800 Database Queries	299,700,000									
State 800 Database										
State Other										
Interstate 800 Database		250,000,000	424,081,835							
Interstate Other										
Unbillable Query Factor	NA	20%	0.019							

Source: Except as noted below, the data source is the Local Exchange Carrier floppy disk filings in response to Information Request for 800 Database Service Exogenous Costs. See Order, Appendix A, Section III.

\*Direct Case\*, in the notes following, references the Direct Case filings of the Local Exchange Carriers in response to Information Request for 800 Database Service Exogenous Costs. See Order, Appendix A, Section III.

(1) Anchorage Telephone Utility Direct Case, Attachment B, p. 1 of 4, Answer to Question 1.

(2) LaFourche Telephone Co. Direct Case, Attachment 2, p. 2 of 2.

(3) Pacific Telecom, Inc. Direct Case, Exhibit A, Section III.

(4) Alltel Service Corp. Direct Case, footnote no. 12.

(5) Great Plains Communications, Inc. Direct Case attachment, (after Schedule B).

(6) Central Telephone Companies Direct Case, p. 7. The value noted (299,700,000) represents "forecast used to establish initial rates". The estimate of the first year query volume is 271,680,000.

(7) NECA Direct Case, Attachment 1A, p. B-2.

Note: Century Telephone of Ohio, Inc., Atlantic Telephone Membership Corp., et al., and GVNW, et al Cos. did not provide demand figures in their Direct Case filings in response to the 800 Database Exogenous Costs investigation.

**Notes to Appendix I, Schedules A, B.1 and B.2 and Appendix II, Schedules A and B**

General Notes

Schedule A "Total Exogenous Costs", and Schedule B.1--Total "Total Exogenous Costs" have been reconciled.

Except as otherwise noted, the data source is the Local Exchange Carrier floppy disk filings in response to Information Request for 800 Database Service Exogenous Costs, here in after referred to as Direct Costs and/or Appendices. See Order, Appendix A.

The NYNEX data source is the Ex Parte filing, dated February 4, 1994. NYNEX's unit costs and investment factors are not reconcilable. In this Ex Parte filing, NYNEX used Reported Interstate 800 Database Query Demand (Section III, Demand; Column A, Rows labeled "Interstate 800 Database") to calculate unit costs and Reported Base Period Demand (Section III, Demand; Column A, Row labeled "Base Period Demand") to calculate the associated investment factor.

Schedules provided by the LECs were inconsistent or incomplete as noted below:

	<u>Bell Atlantic</u>	<u>Pacific Bell</u>	<u>Bell</u>	<u>US West</u>	<u>New England Tel.</u>
STP/CP Signaling Link					
Other Detail Costs					
Direct Costs	Not provided				
Overhead	Not provided				
Local STP / Regional STP Signaling Link					
Direct Costs	Not provided				
Overhead	Not provided				
Other Detail Costs	Not reconciled				
SCP/SMS Signaling Link					
Direct Costs	Not provided	Not provided			Not provided
Overhead	Not provided				
SCP					
Maintenance		Not reconciled	Not provided		
Administration		Not reconciled	Not provided		Not provided
Direct Costs	Not provided	Not provided	Not provided	Not provided	
Overhead	Not provided	Not reconciled			
Other Detail Costs		Not reconciled	Not reconciled		
Tandem Switch					
Direct Costs		Not provided			
SSP					
Direct Costs		Not provided	Not provided		
Overhead			Not provided		
Other Detail Costs			Not provided		

Note 1. Unit costs were reported. Therefore exogenous costs have been determined by multiplying the reported unit costs for each category by the reported Interstate 800 Database Demand(s), as follows:

$$\text{"Exogenous Cost" per Category} = \frac{[\text{Reported Unit Cost per Category (Section I, Unit Cost and Investment; Column "P", Rows listed under Unit Cost)}]}{[\text{Reported Interstate 800 Database Query Demand (Section III, Demand; Column A, Rows labeled "Interstate 800 Database")}] } \times$$

Note 2. Absolute costs were reported, therefore exogenous costs were taken directly from the Appendix, as follows:

$$\text{"Exogenous Cost" per Category} = \text{Reported Cost per Category (Section I, Unit Cost and Investment; Column "P", Rows listed under Unit Costs).}$$

Note 3. NYNEX exogenous costs represent the sum of the result of calculations in Note 1, above, for New England Telephone exogenous costs and New York Telephone exogenous costs.

Note 4. The Southwestern Bell holding company and United Telephone operating company exogenous costs were determined as in Note 1, except Base Period Demand was used as the multiplicative factor instead of Interstate 800 Database Demand, as follows:

$$\text{"Exogenous Cost" per Category} = \frac{[\text{Reported Unit Cost per Category (Section I, Unit Cost and Investment; Column "P", Rows listed under Unit Cost)}]}{[\text{Reported Base Period Demand (Section III, Demand; Column A, Row labeled "Base Period Demand")}] } \times$$

United Telephone Exogenous Costs represent the sum of the United Telephone Operating Companies' exogenous costs, calculated as described in this note. The United Telephone Operating Companies represented are United Telephone Eastern (NJ, PA), Florida, Indiana, North Carolina, Midwest, Ohio, Northwest, and Southeast.

**Notes to Appendix I, Schedules A, B.1 and B.2 and Appendix II, Schedules A and B**

Note 5: GTE reported a total cost per query of \$0.007379, (Section I, Column P, Row below SSP-T total which is labeled "...Total"), and an estimated demand figure for the five year period of 1992-1996, in their Appendix, (Section II, Column A, "Estimated Demand"). "Estimated Demand", divided by the five year period, and then multiplied by unit cost provided in the Direct Case, reconciles to cost data in GTEC Transmittal No. 775, Exhibit 3, submitted March 1, 1993. The transmittal data has been incorporated, as follows:

<u>Direct Case Category</u>	<u>Corresponding Transmittal Categories</u>		
SCPSMS Signaling Link	SMS/SCP Link Expense		
SCP	SCP 800 Database Software/RTU Fees	SCP Common Hardware	SCP Common Software
SMS	SMS Expenses		
SSP	Tandem/End Office SSP RTU Fees		
Other	SMS Billing Upgrade	SMS Billing Hardware	

In the subsequent Ex Parte filing, GTE reported costs totaled \$0.006485 per query. GTE, in effect, designated reassigning \$1,045,489 of its previously reported costs as investment. Discrepancies in category values for GTE are reflected below:

	<u>Transmittal</u>	<u>Ex Parte</u>	<u>Difference</u>
SCPSMS Signaling Link	\$62,431	\$62,947	(\$517)
SCP	\$4,819,664	\$3,832,938	\$986,706
Total Exogenous Cost	\$8,625,967	\$7,580,478	\$1,045,489

Note 6:  $L8 = L1 + L2 + L3 + L4 + L5 + L6 + L7$

Note 7: "Sum of the companies' claimed exogenous costs for each category, before the adjustment for NXX expense ( $L11 = L8 + L9 + L10$ ).

Note 8: Exogenous Costs do not include overhead costs, i.e.  $L13 = L12 + L11 - \text{Overhead Costs}$ , (The FCC has disallowed overhead loading costs, and they are not currently included in the rates. The Commission should uphold the FCC decision to exclude them).

Overhead Loading Costs Removed:

	<u>Ameritech</u>	<u>Bell Atlantic</u>	<u>NYNEX</u>	<u>Total Cos.</u>
STP/SCP Signaling Link	8,176	740,777	115,766	864,739
Local STP / Regional STP Signaling Link		821,388	531,854	1,153,222
SCP	1,100,473	1,484,906		2,585,379
SSP	2,158,322		922,349	3,080,671
Sum	3,266,971	2,847,051	1,569,989	7,684,011

General Note: Adjustments have been made on values referenced in Notes 1 through 8, as noted following:

Note 9: "Other Direct Expenses" reported under "SCP" have been reallocated to "SMS", per discussion with Ameritech.

Note 10: As per discussion with Bell Atlantic, some direct costs allocated to this category are not properly associated with "RSTP/SCP Signaling Link".

Other Direct Costs properly reported in this category:		Other Direct Costs reported in this category but properly allocated to the "Other" category:	
800 Trunking	\$139,331	Repair Center	483,007
Switch Translation	\$128,076	Billing	15,226
SCPT technical Support	\$221,256	Other Direct Costs reported in this category but properly allocated to the "SMS" category:	
		SMS	869,934

The costs detailed in above were sourced from Bell Atlantic's Transmittal No. 560, workpaper 5-2. The values represented were calculated as follows:

$$\text{Exogenous Cost} = \frac{\text{Item Expense Amount from Bell Atlantic's Transmittal No. 560, workpaper 5-2, submitted March 1, 1993}}{\text{Total 5-Year Query Demand (Bell Atlantic Transmittal No. 560, workpaper 5-2)}} \times \text{Interstate 800 Database Demand (Section II, Demand; Column A, Rows labeled "Interstate 800 Database")}$$

Note 11: See "Dedicated Circuits for SCP" referenced in Bell Atlantic's Transmittal No. 560, workpaper 5-2, submitted March 1, 1993.

Note 12: See Bell Atlantic Transmittal No. 560, workpaper 5-9, line 2.

Note 13: "SCP" Other Direct Costs have been reallocated to the "SMS" category, as shown, per conversation with Bell South.

Note 14: NYNEX revised its SMS costs in its Ex Parte worksheet to reflect reduced contract rates for 800 Administration and Service Center (NASC). NYNEX Ex Parte filing dated February 24, 1994 at worksheet 1.1.

Note 15: Pacific Bell reported "SCPSMS Signaling Link" exogenous costs should have been reported as "SMS" exogenous costs (per discussions with Pacific Bell). These costs have been reallocated, in this schedule, accordingly. This reallocation reconciles to cost data in Pacific Bell's Transmittal No. 1062 Amended, p. II.B.5, submitted August 13, 1993.

Note 16: "Other Direct Costs" reported under "SCP", (Section I), and detailed in the "" footnote, have been appropriately reallocated, as follows:

<u>Direct Case Category</u>	<u>Corresponding Transmittal Categories</u>
SCPSMS Signaling Link	SMS Equip. SCPSMS Link unit cost
SMS	Bellcore Billing
SSP	RTU Fees (added)
Other - Billing	CRS / CABS

**Notes to Appendix I, Schedules A, B.1 and B.2 and Appendix II, Schedules A and B**

Note 17: Direct Case Appendix A, Note 1, states that "SMS" costs are included in Administration under "SCP". "SMS" costs have been removed from the "SCP" category, and have been assigned to the "SMS" category. Transmittal No. 556, Description and Justification, COS - 1 identifies these costs, ("SMS" includes "SMS NASC Expense" and "SMS Bellcore Expense").

Note 18: See Direct Case, Attachment 3, Note 2.

Note 19: "Other Direct Costs in the "SCP/SMS Signaling Link" category are properly allocated to "SMS".

Note 20: US. West delineated its investment by account for December 1991 and July 1992 (Section II) but did not delineate whether these amounts were for Interstate 800 database, total company, or other investment amounts. See, US West Ex Parte CC Docket 92- 129, dated October 15, 1993.

Note 21: Southwestern Bell and Southern New England Tel. provided Subject to Separation data (Section II) allocation detail on Interstate 800 Database only.

Note 22: US. West provided Jurisdictional Separation Investment data (Section II) on the Interstate 800 Database only.

## CERTIFICATE OF SERVICE

I, Gwen Montalvo, do hereby certify that copies of the foregoing MCI Comments were sent via first class mail, postage paid, to the following on this 15th day of April, 1994:

  
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